



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

FILE COPY

In Reply Refer To: 3AP12

JAN 09 2001

Mr. William Graeser
Senior Environmental Control Engineer
U.S. Steel
Clairton Works
Clairton, Pennsylvania 15025

Re: Clairton Works Inspection Report for December 12, 2000 Activity

Dear Mr. Graeser:

Please find enclosed the EPA inspection report for the December 12, 2000 inspection of Clairton Works under the federal Clean Air Act. The report details both EPA and Allegheny County inspection activities during the day. Please call me, at (215) 814-3438, if you have any questions or concerns about the report. We have also enclosed some information for you on Recycling and the Energy Star Buildings Program at EPA for your information and use. We appreciate your cooperation during the inspection. We intend to maintain a dialogue with Allegheny County Health Department as your production levels go back up to normal rates to check on your continuing compliance with the regulations, especially in regard to pushing and combustion stack emission compliance which have been areas of concern for EPA.

Sincerely,

A handwritten signature in cursive script, appearing to read "Chris Pilla".

Chris Pilla, Chief
Air Enforcement Branch

Enclosure

Customer Service Hotline: 1-800-438-2474

ED_002508A_00000508-00001



U. S. Steel
Clairton Works
400 State Street
Clairton, PA 15025-1855

RECEIVED

NOV 21 2000

Air Protection Division (S&H)
November 13, 2000

Mr. Michael Ioff
U.S. Environmental Protection Agency
Region III
1650 Arch Street, Mail Code 34532
Philadelphia, PA 19013-2029

Subject: Coke Oven Collector Mains

Dear Mr. Ioff:

The Clairton Works 13 and 14 Battery collector main design has resulted in a susceptibility to topside corrosion. Because of increasing numbers of collector main leaks caused by this corrosion, it has become necessary to investigate methods of prolonging the life of the main. After an intensive engineering study, a method has been chosen for field-testing. A method called cladding is scheduled to be tested the week of November 13, 2000. The cladding involves welding a metal plate over the corroded areas as well as areas vulnerable to corrosion.

The test will involve two ovens on 13 Battery – A1 and A2. During the test final design considerations will be evaluated. If the test is successful, the entire collector main of 13 and 14 Battery collector mains will be cladded beginning the end of the fourth quarter 2000 or the beginning of the first quarter 2001, weather and business conditions permitting. The project work schedule will involve removing four ovens from service at one time, removing the necessary hardware and welding the metal plate. It is expected that the entire project will take approximately 15 weeks to complete.

Regular collector main inspections have been conducted and will continue to be conducted throughout the repair period as required by 40 CFR 63.308(a), and both temporary and final repairs have been made within the required time. The increasing frequency of the necessary individual repairs has resulted in a disruption of the optimum flow of work making the cladding of the entire main essential.

Consequently, USS Clairton Works requests that you approve an alternative schedule for the completion of the 13 and 14 Battery collector main repairs. Final repairs are expected to be completed during the second quarter 2001.

If you have any questions or require more information, please call me at 412-233-1015.

Sincerely,

Coleen M. Davis
Environmental Control Engineer





U. S. Steel
Clairton Works
400 State Street
Clairton, PA 15025-1855

42005-1111
File info
10/16/00

August 15, 2000

Director
Bureau of Air Quality Control
Department of Environmental Protection
P.O. Box 2063
Harrisburg, PA 17120

Roger C. Westman, Ph. D.
Allegheny County Health Department
Department of Air Quality
301 Thirty-ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19013-2029
ATTN: Air Mgmt. Div. 3AM00

Office of Chief Counsel
Western Region
Department of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222-4745

Gentlemen:

**Subject: Batteries 19-20 Pushing Emission Control System
Compliance Testing Rescheduled**

The compliance demonstration program on Batteries 19-20 Pushing Emission Control System has been rescheduled and will now be conducted during the period of August 29-31, 2000. A maintenance problem is the reason for the postponement. Three particulate emission concentration tests will be conducted on each baghouse module, each for a duration of sixty pushes. Each test will be complemented by simultaneous visible emission observations.

This revised schedule is contingent upon normal operations of the 19-20 PEC system, and acceptable weather.

The sampling methods and equipment employed will be those referenced in 40 C.F.R. Part 60, Appendix A, most recent revision.

Questions regarding this program should be referred to Mr. W. C. Graeser at (412) 233-1467.

Very truly yours,

T. W. Goettge
General Manager

